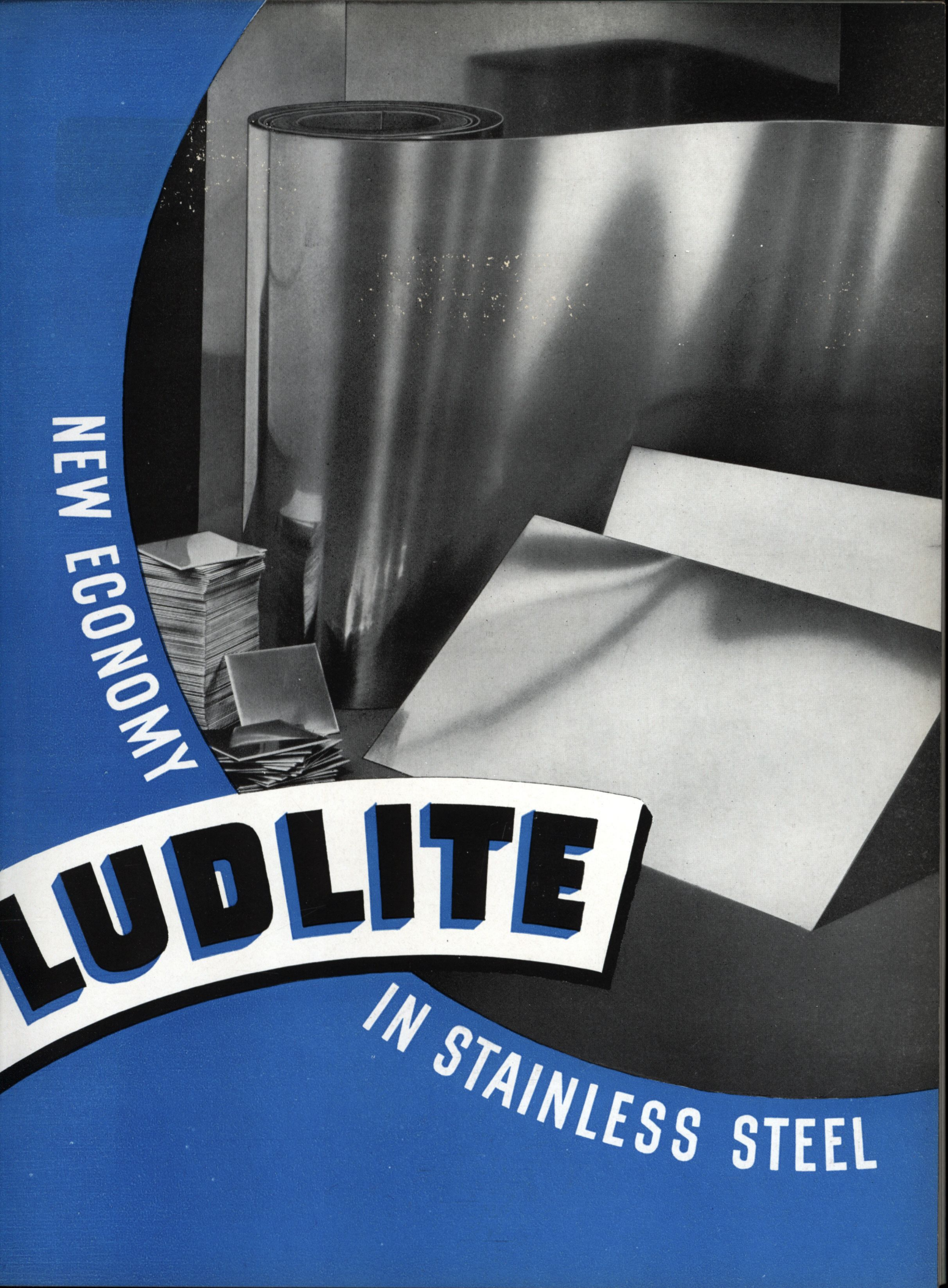


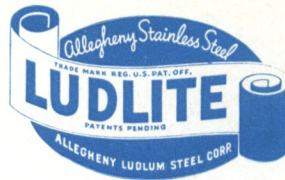


NEW ECONOMY

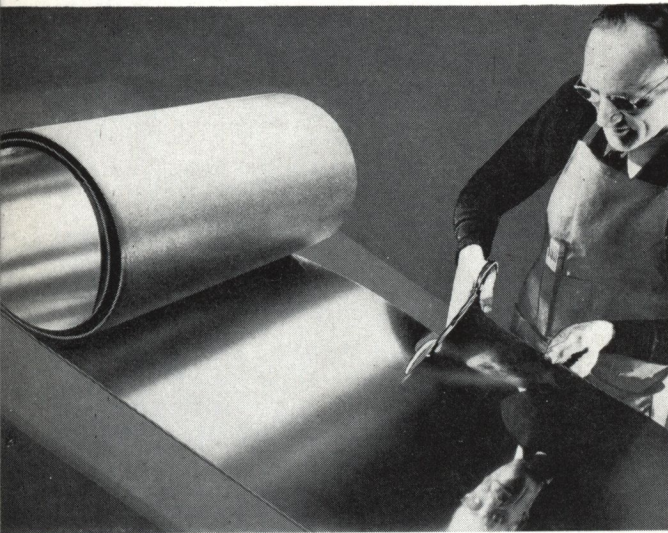
LUDLITE

IN STAINLESS STEEL

MORE FLEXIBLE



MORE VERSATILE



What Ludlite Is

Ludlite is a composite material. Its outer surface is a thin sheet of strong, light stainless steel. Its inner surface is a tough, waterproof, flexible backing of non-metallic material. By a special manufacturing process, the stainless steel and the flexible backing are permanently combined under heat and pressure.

The backing affords desirable support to the steel and makes it possible to apply Ludlite to plaster, wood, fiber-board, concrete, and other surfaces. By this means, light gauge stainless steel can now be used, and extreme flexibility and ease of application result. A further important feature of Ludlite is the fact that the composite backing deadens sound. The result is a minimum of noise wherever Ludlite is used.

Special Ludlite Adhesive for use in applying Ludlite has been developed, and may be had wherever Ludlite is sold. Attractive moldings of stainless steel for finishing edges and joints are also available in all needed shapes and styles. Ludlite in ribbon form for trim, is described on the opposite page.



Ludlite—A New Stainless Steel Material

Stainless steel, infant prodigy of the steel industry, again broadens its service to the entire building field with the introduction of Ludlite. Supplementing forms previously available, Ludlite introduces new ease of application and new low cost. It makes possible the specification and use of stainless steel for a wide range of new and interesting applications.

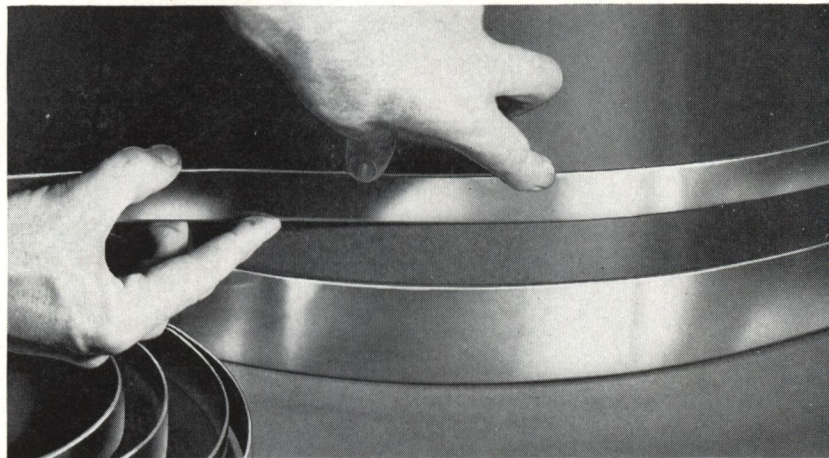
Allegheny Ludlum Steel Corp., sponsor and producer of the world-famous Allegheny Metal, presents Ludlite to the architect and builder as a valuable addition to its complete line of stainless steel sheets, strip, bars, and wire.

The myriad opportunities for the use of Ludlite appeal to all who have investigated this important new material.

Ludlite Lowers Installation Costs

While the advantages offered by stainless steel have long been recognized by architects and builders, cost of installation has to some extent limited its use. The very advantages of extreme strength, toughness, and resistance to wear and corrosion which make stainless steel so desirable have also made it more expensive to fabricate and install. Consequently, it has been necessary to forego the use of stainless for many applications where it would otherwise have been logical.

Ludlite does much to solve this problem. It can be used to cover a wide variety of wall and working surfaces at comparatively low cost. Simplicity and ease of application likewise open many new and valuable decorative uses.



Ludlite Is Readily Formed and Applied

The outstanding feature of this new material is the facility with which it can be installed. Instead of requiring prefabrication in a specially equipped metal working shop, Ludlite can be cut right on the job with ordinary heavy scissors, tin snips, or a fine toothed saw, and can easily and quickly be formed and fitted as the work progresses. It can be nailed, screwed, or fastened in place with special Ludlite Adhesive. It can readily be applied to any smooth or curved surface, and may easily be bent around corners. It is a simple matter for a carpenter or craftsman, with the few necessary tools, to apply Ludlite anywhere.

Simple directions for cutting, applying, and finishing Ludlite are furnished with every shipment. These instructions are easy to follow. They are in themselves convincing proof that Ludlite is a most convenient and practical architectural material.

QUICKLY APPLIED



NEW LOW COST

Available in the Following Forms

Ludlite in Roll Form

Ludlite is sold in flexible rolls two feet wide and fifty feet long, from which any length may be supplied. It cuts like tin, bends like copper, cements in place like linoleum, but it's stainless steel.

In addition to long life, perfect sanitation, and ease of cleaning, Ludlite's satin sheen and color reflecting properties create unusual decorative possibilities (see illustration on back cover).

Ludlite (pebbled finish) in Roll Form

Pebbled Ludlite is sold in flexible rolls two feet wide and fifty feet long. The entire surface is pebbled into a serviceable ripple facing. This type of Ludlite is slightly stiffer and is highly resistant to denting and defacement. It is ideal for table tops, counters, sinks, or for any surface subject to continuous hard usage. A damp cloth keeps it always bright and new.

Pebbled Ludlite harmonizes with any decorative scheme; it reflects and blends surrounding colors and gives many novel and interesting effects.

Ludlite in Square Tiles

Ludlite tiles are individual pieces four inches square, easily applied to any surface. They are rolled at the edges to give an appearance of thickness and solidity, and to assure an attractive and perfect fit when applied.

In addition to many advantageous uses in new construction, Ludlite tiles are extremely valuable for modernization work. Where conditions might cause more brittle materials to split or crack, Ludlite tile offers the necessary toughness and "give." Water-tight and permanent surfaces of lasting beauty are thus assured.

Ludlite in Ribbon Form

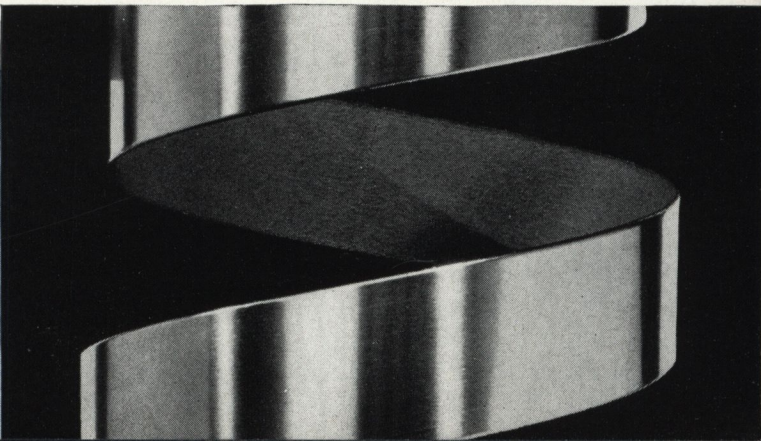
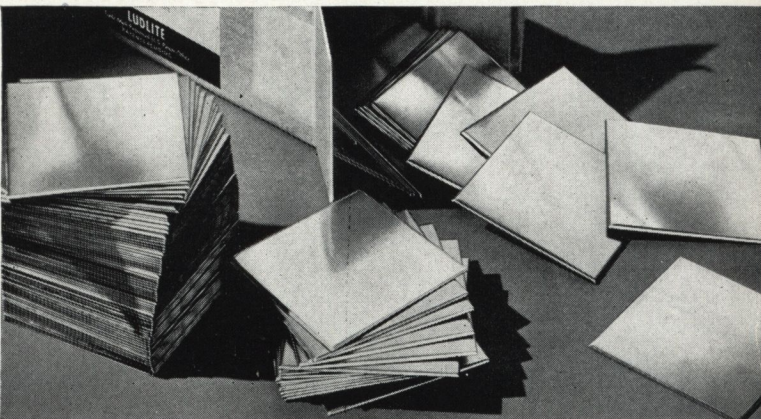
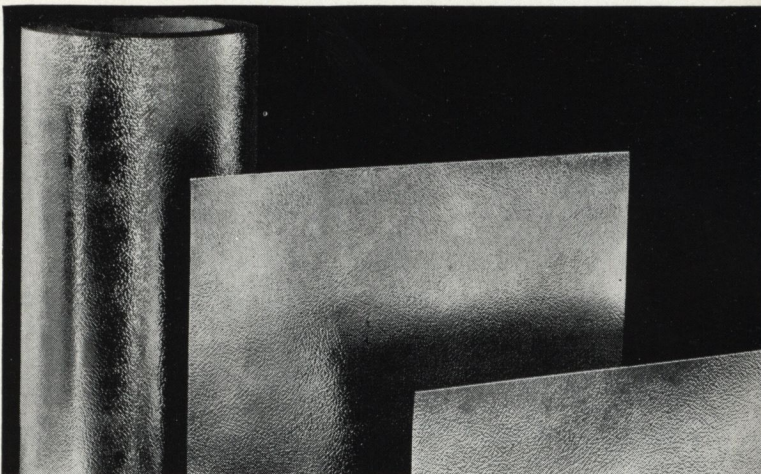
Ludlite Ribbon is useful as a decorative medium because of its beauty, low cost, and ready, permanent adhesion to virtually any smooth surface. It may be bent around corners or applied to practically any convex or concave surface.

Ribbon is available in strips from one inch wide up by half-inch stages. Its rolled edges give it an appearance of depth and solidity, and offer an attractive and serviceable means for covering joints in Ludlite as well as in other decorative and structural materials.

As a trim for store fronts, show windows, signs, elevator cars, doors, walls, and the like, Ludlite Ribbon is ideal.

A Complete Stainless Steel Service

While this catalog is devoted exclusively to presenting Ludlite as a new development, may we remind readers that Allegheny Ludlum Steel Corp. offers a complete service in all grades and forms of stainless steel for building and industrial use. Special catalogs and technical literature covering world-famous Allegheny Metal and other Allegheny stainless steels are available on request. Address Allegheny Ludlum Steel Corp., Oliver Building, Pittsburgh, Pa.





NEW BEAUTY AND LASTING ECONOMY

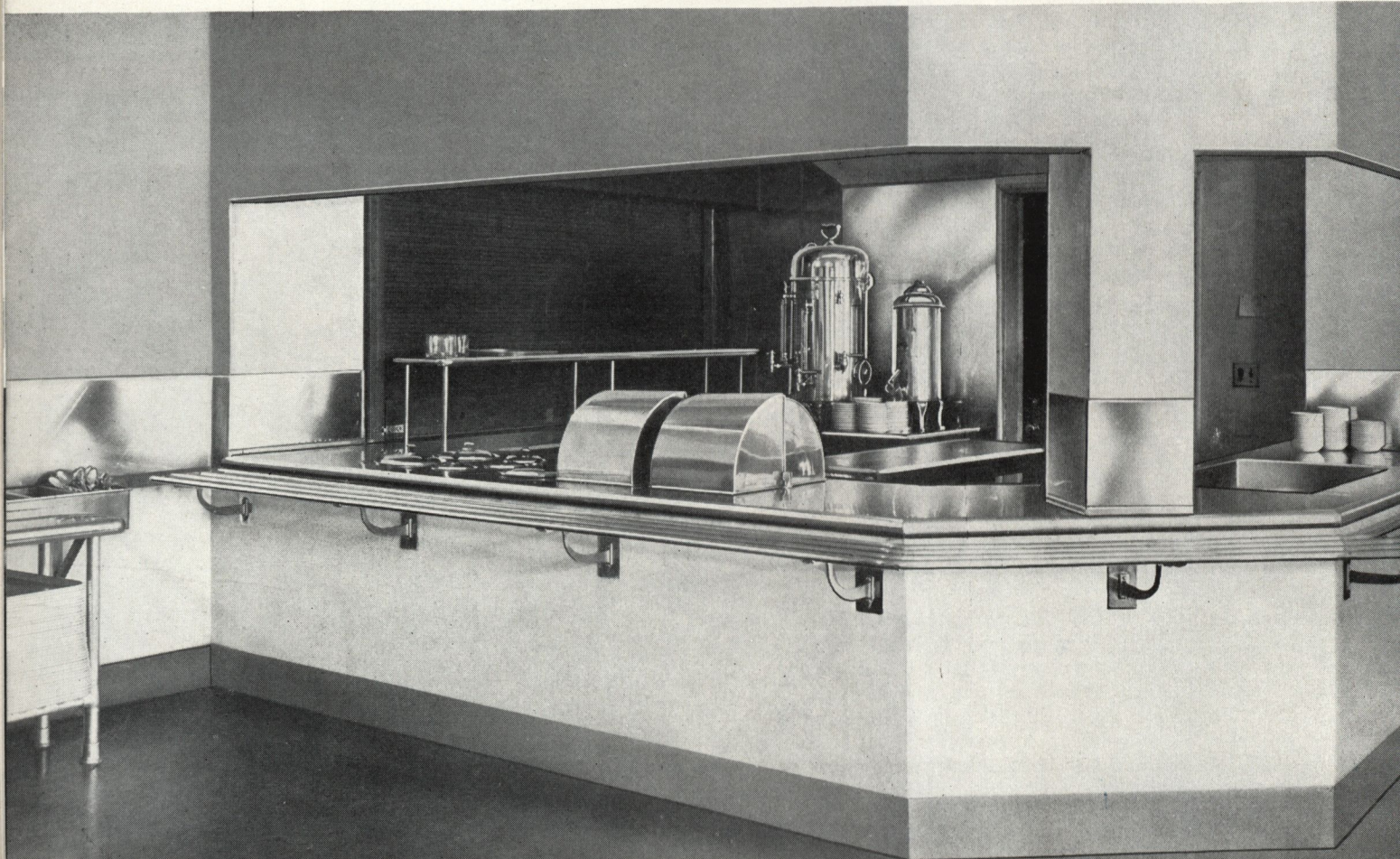
These pages illustrate a few recent Ludlite applications. Ludlite cuts modernization costs and provides lasting beauty and economy. It can now be used liberally in stores, restaurants, hotels, service stations, offices, institutions, and throughout industry.

Wherever highly sanitary conditions and protection from rust, stain, abrasion, and chemical attack or corrosion are

Ludlite Beautifies Modern Restaurant and Store Fronts

Attractive Store Sign Showing Effective Use of Ludlite on Curved Surfaces

Modern Hospital Food Service Protected by Sanitary Ludlite



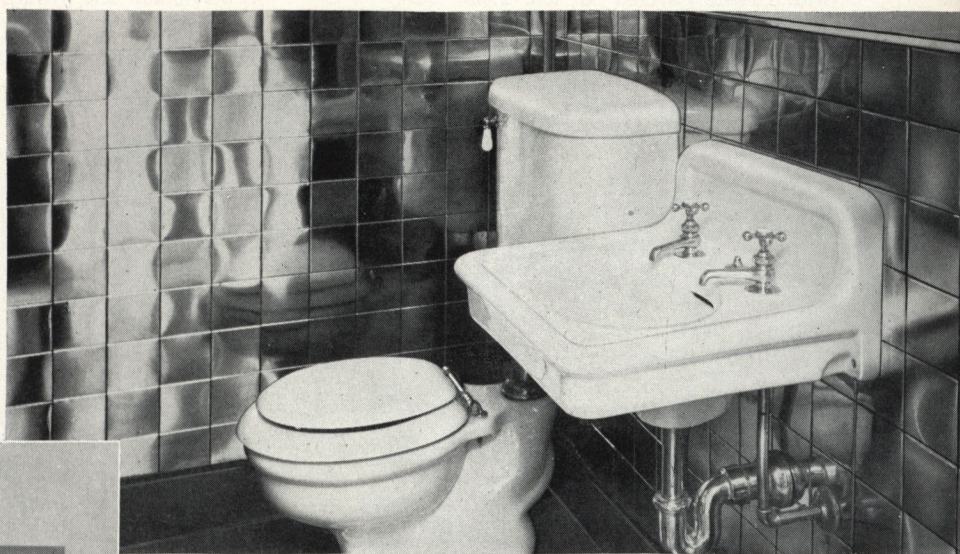
IN EVERY LUDLITE INSTALLATION

required, Ludlite offers many logical applications. It is effective in the food industries for table tops, benches, chutes, hoods, floor trucks, and for resistance to the action of fumes. In the textile industry, its clean, smooth, rustless surface is desirable for use wherever goods are handled. In many other commercial, institutional and industrial fields executives are discovering further applications for Ludlite which effect substantial economies in equipment and afford new insurance against damage to products handled.

Ludlite Assures Cleanliness in This Restaurant Kitchen



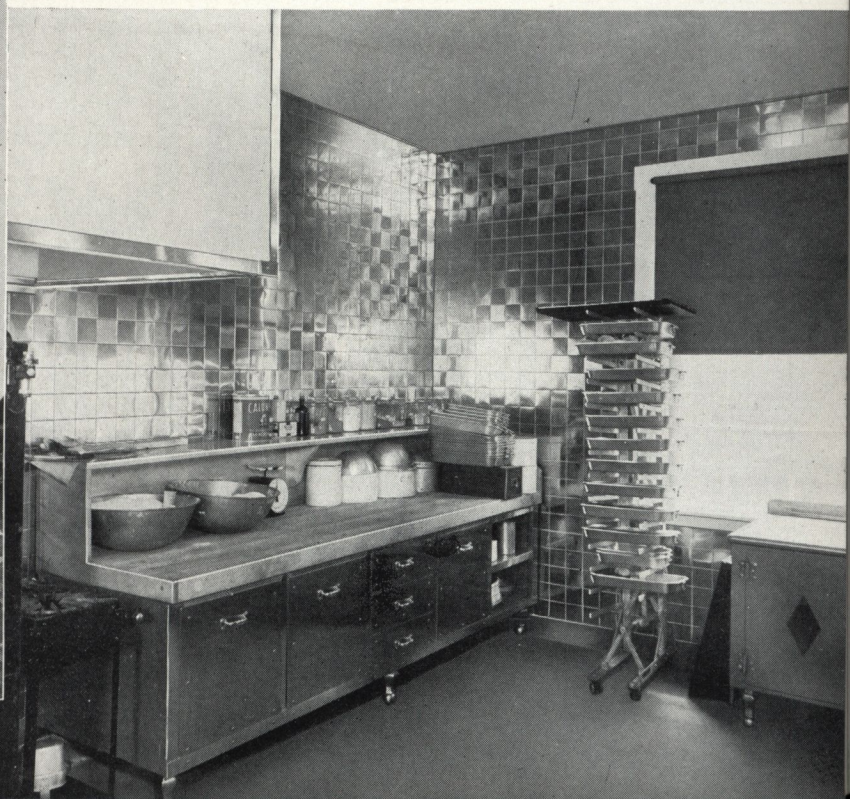
A Lunch Counter Modernized With Ludlite

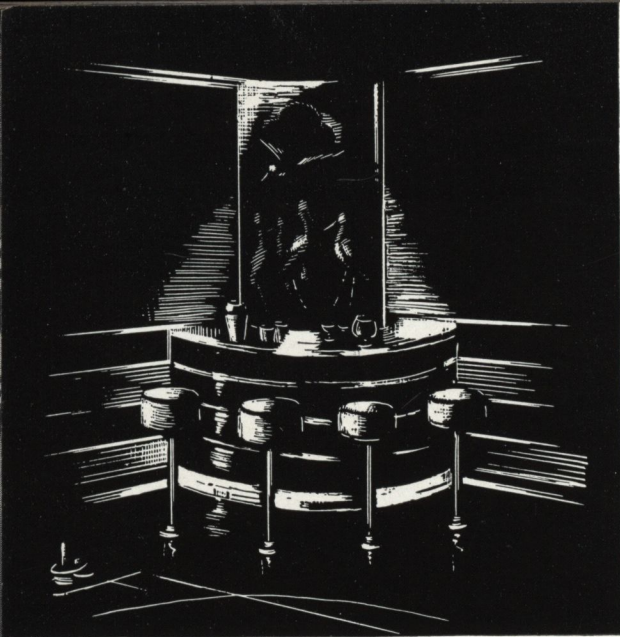


Gasoline Station Rest Room Finished With Sanitary Ludlite Tile



Ludlite Insures Cleanliness in This Hospital Kitchen





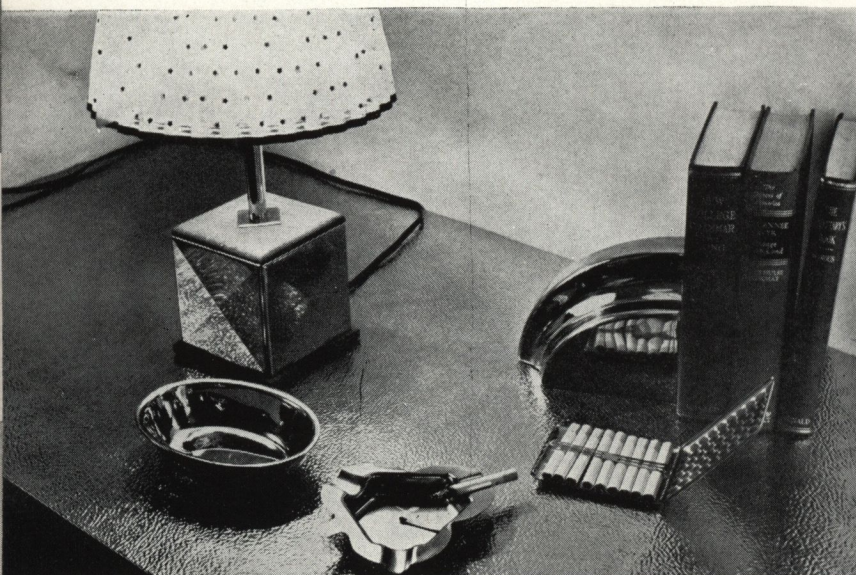
Design For Corner of Modern Bar and Game Room
with Ludlite Covered Bar and Trim

LUDLITE—A NEW MEDIUM

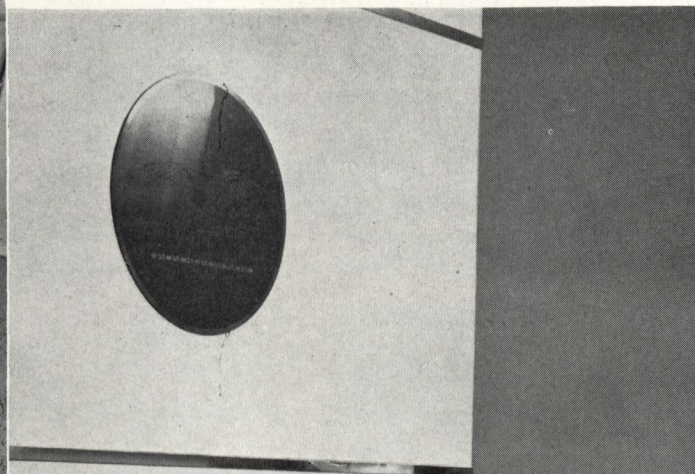
Ludlite offers architects, designers and decorators an attractive, versatile new medium. The decorative effects possible with Ludlite, alone, or in combination with colored materials are unlimited, as illustrated on the back cover of this catalog.

Homes everywhere are being inexpensively modernized with Ludlite. This new form of stainless steel is replacing other materials as shelf covering; drain boards, splash backs,

A Serviceable and Attractive Table Top of Pebbled Ludlite



Many Interesting Fireplace Treatments Are Possible
With Ludlite



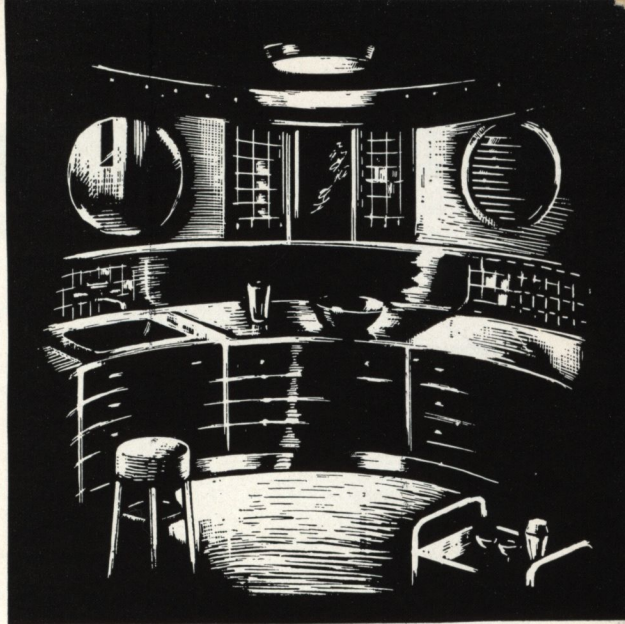
Ludlite Adds To The Cleanliness of This Cafeteria Kitchen



FOR CREATIVE DESIGN

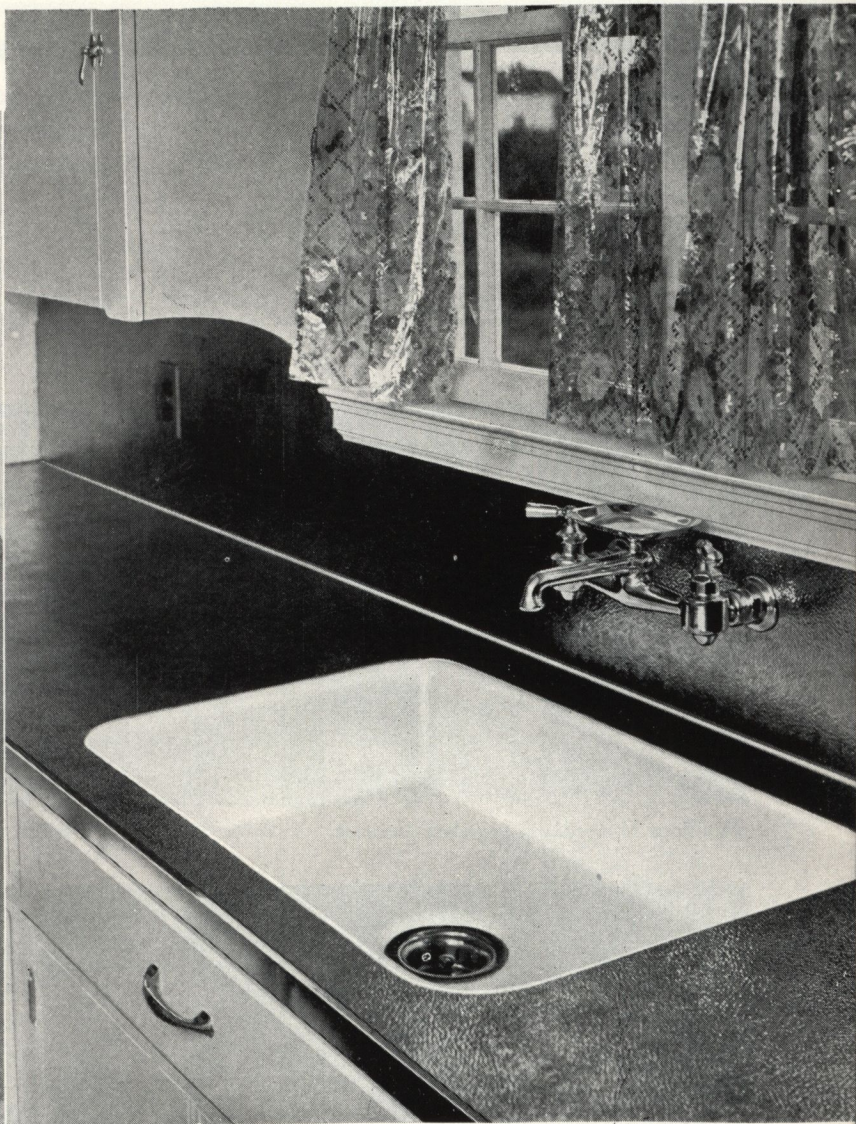
kitchen and bathroom walls gleam with permanent Ludlite. Bins and boxes are being lined with it. Door push plates, fireplace screens, trays, and wainscoting are taking on new luster that will last indefinitely. Ludlite has some place in every room.

Housewives like Ludlite because it is better looking, does not rust or corrode, and can be kept bright and clean with a damp cloth.



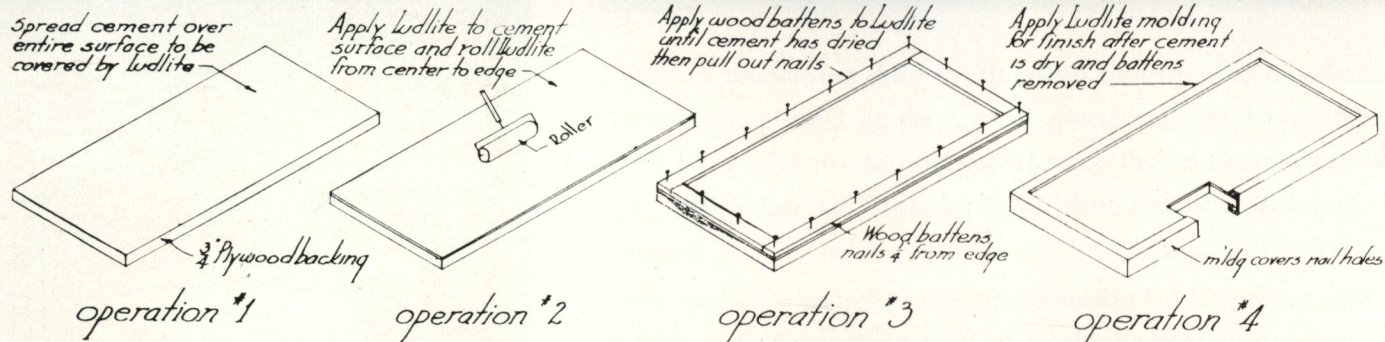
Sketch Showing Some of Ludlite's Possibilities For the Modern Kitchen

Ludlite Offers Wide Scope in Bathroom Design and Decoration



Immune to Dents or Scratches, Pebbled Ludlite is Ideal For Working Surfaces

METHOD OF APPLYING LUDLITE TO TABLE AND COUNTER TOPS



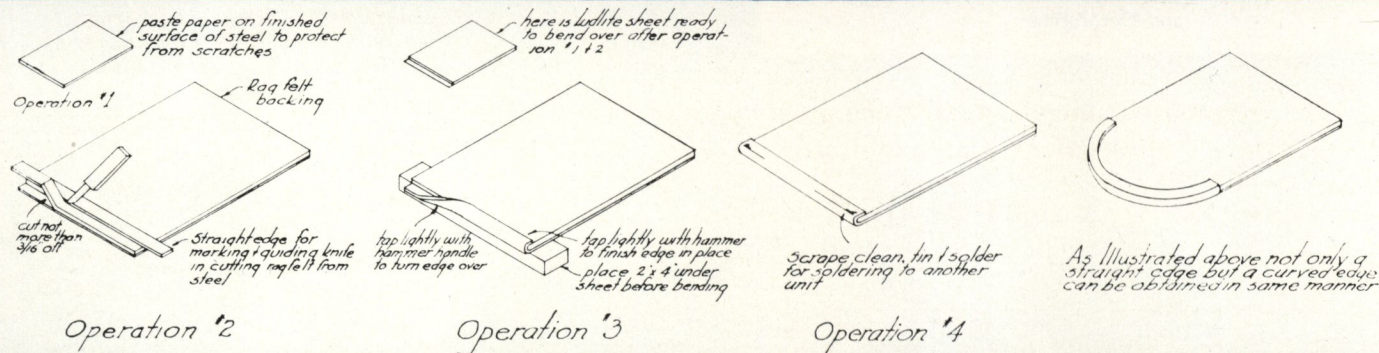
The above specifications are drawn for the commonly used 3/4" plywood.

- 1—Cut and fit Ludlite to exact dimensions before applying adhesive.
- 2—If installation can be made quickly, battens may be eliminated by having molding mitered and pre-fitted, ready for immediate application. Otherwise, battens should be prepared in advance,

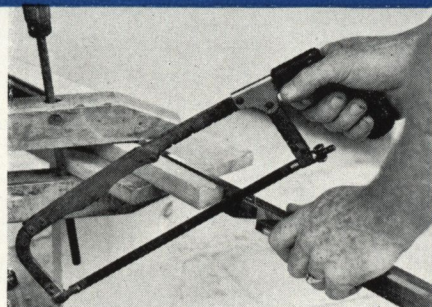
applied as soon as Ludlite is in place and not disturbed for at least twelve hours.

Note: Although battening process is not absolutely essential, its specification wherever practicable is recommended.

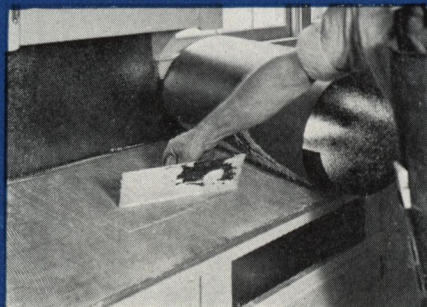
METHOD OF MAKING FINISHED EDGE FOR SINK BASINS, CUTOUTS, ETC.



APPLYING LUDLITE TO FLUSH SINK BASIN WITH PRE-FITTED MOLDING



Moldings Mitered and Fitted in Advance



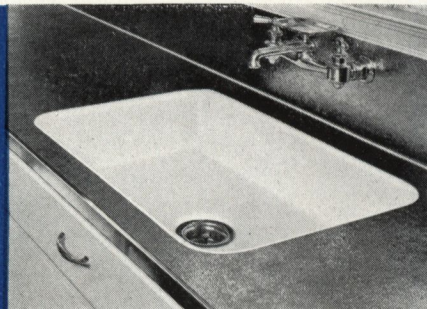
Adhesive Spread Quickly With Notched Trowel



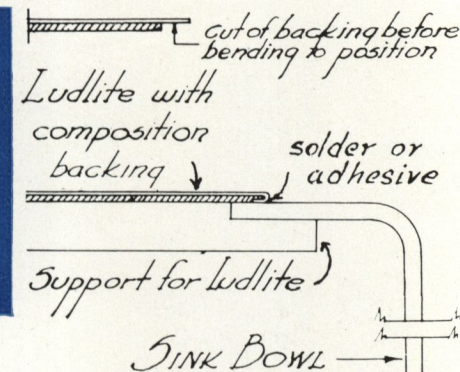
Surface Rolled Evenly—Weighted



Edges Lagged at Once With Pre-Fitted Molding



Rolled Edge Assures Smooth, Water-Tight Joint



MANY STRIKING DESIGNS POSSIBLE

Many original designs and striking effects can be easily obtained by scoring, embossing or buffing Ludlite. No expensive preparatory work is necessary, and designers' instructions can be followed by the workman on the job.

Unusual effects, employing alternate designs, can be secured by scoring on both sides of the Ludlite before applying it. Moreover, many decorative designs can be applied to Ludlite after the material has been installed. As illustrated below, unique effects and finishes may be obtained by covering Ludlite with a cut-out masking paper or stencil and applying a buffer.

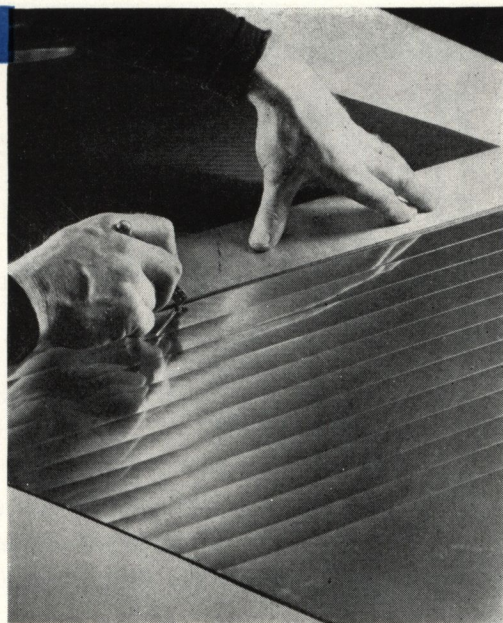
IMPORTANT NOTICE

This catalog describes Ludlite products available at time of going to press. However, important additions to the Ludlite line are being developed. We, therefore, request that architects or builders contemplating specification or purchase of Ludlite write for latest information.

ALLEGHENY LUDLUM STEEL CORP.

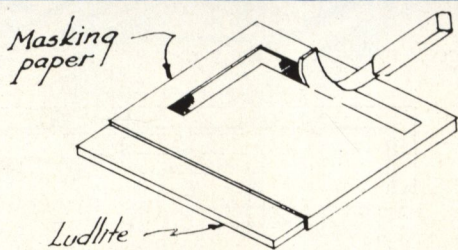
Ludlite Division

Watervliet, N. Y.

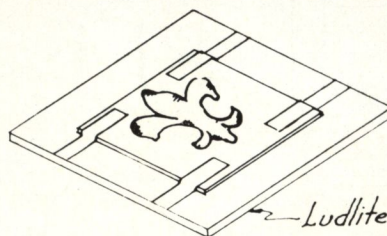


(A straight edge, a glass cutter and disc linoleum cutter are the only tools required for scoring Ludlite.)

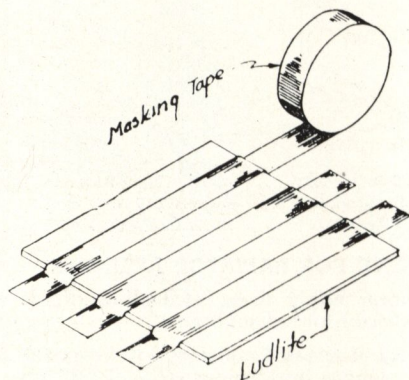
DECORATING LUDLITE AFTER INSTALLATION



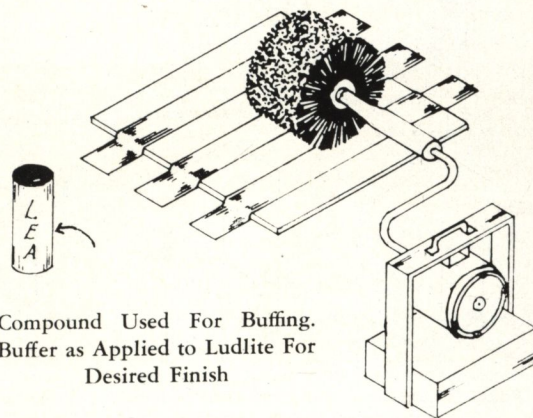
Sheet of Ludlite With Masking Paper Covering Surface. Cut Out Design With Sharp Knife and Apply Buffer For Finish



Sheet of Ludlite With a Paper Stencil Applied to Surface and Held in Position With Tape. Apply Buffer For Finish

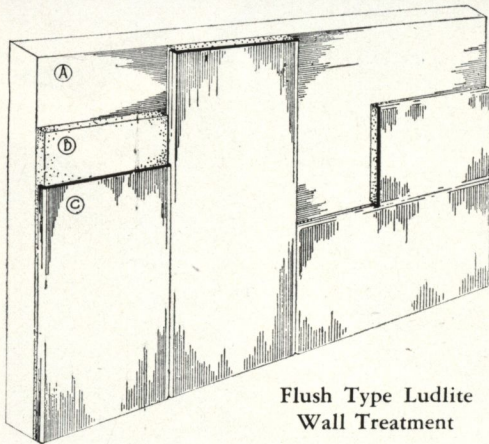


Sheet of Ludlite With Masking Tape Applied Before Buffer is Used For Variance in Finish



Compound Used For Buffing. Buffer as Applied to Ludlite For Desired Finish

DECORATIVE LUDLITE WALL TREATMENTS



Flush Type Ludlite
Wall Treatment

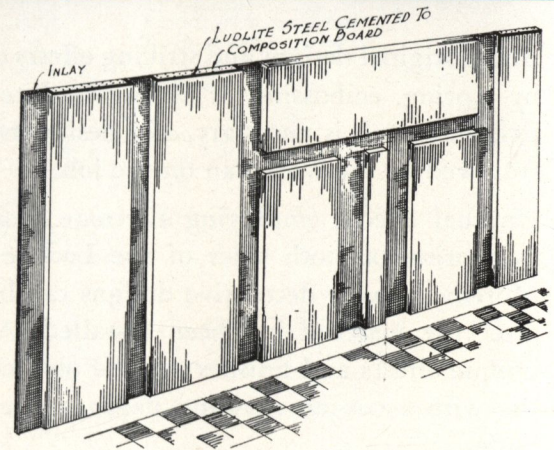
Using Ludlite in Full Width (24 Inches)

- A—Sub-surface representing Old Wall, Rough Boarding, Plaster Brown Coat etc.
- B—Smooth dense surfaced Wall Board, or preferably Mineral Fiber Board $\frac{1}{4}$ " thick, cut $23\frac{1}{2}$ " wide, spaced full $\frac{1}{8}$ " apart and flush nailed for either horizontal or vertical treatment.
- C—Ludlite with $\frac{1}{8}$ " brake flange cemented in place. Flange should be exactly a 90° bend.

The treatment illustrated represents, of course, only the basic technique; infinite variations are possible.

Many wall surfaces, although in good condition, have irregularities not apparent until covered with a closely adhering, highly finished material like Ludlite.

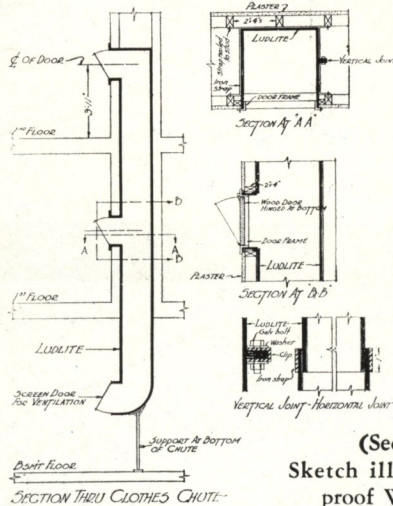
Special treatment is recommended where slight increase in application cost is permissible.



Ludlite Wall Treatment With Color Inlay

Effective contrasts are obtained by spacing flush type Ludlite wall treatment with decorative inserts of a different thickness.

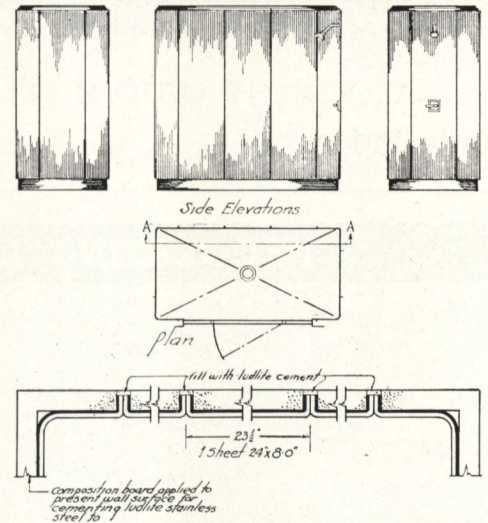
Suggested inlays are: colored plastic materials readily cut from sheet stock (these are specially recommended for exterior use), linoleum, rubber wall covering, enameled wall board, or strips of wood veneer. Inserts must be fitted and cemented in place after Ludlite installation is complete.



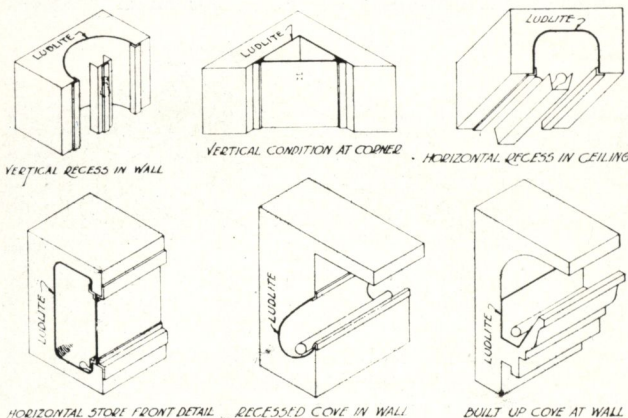
Joints may be made water-proof without the use of solder by allowing for $\frac{3}{16}$ " Ludlite flange when applying to $\frac{1}{4}$ " composition board. Fill $\frac{1}{8}$ " spaced slot with Ludlite Adhesive before applying Ludlite sheet.

(Section A A)

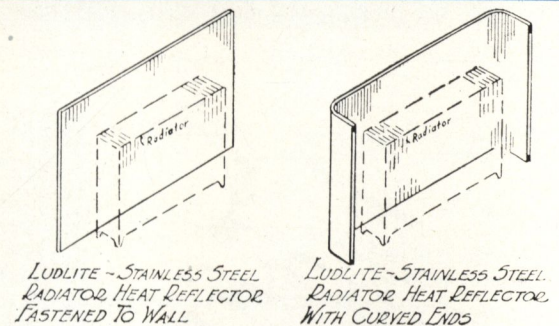
Sketch illustrating Water-proof Wall Treatment of Ludlite



LUDLITE FOR SHOWER STALL LINING



LUDLITE FOR INDIRECT LIGHTING

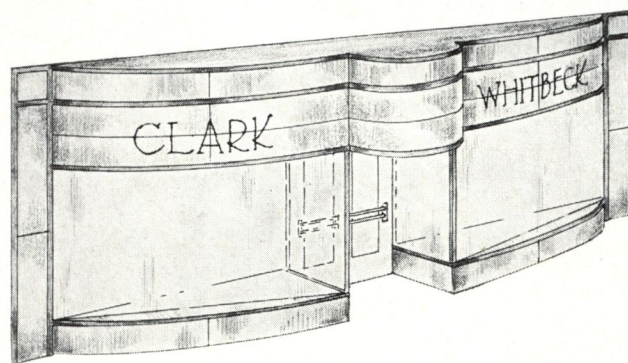
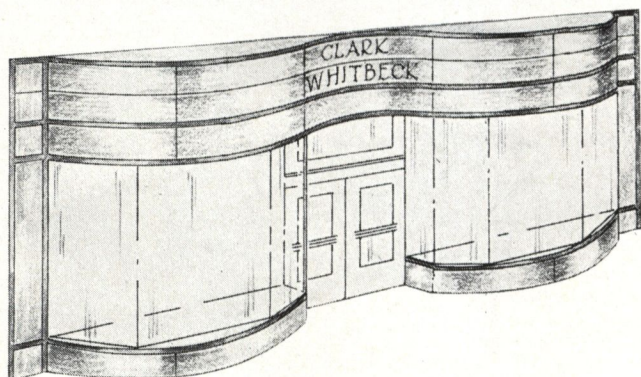


LUDLITE FOR RADIATOR RECESSES

The permanent bright luster of Ludlite affords an excellent reflector for radiant heat.

The efficiency of recessed radiators will be greatly increased by simple installations as indicated above.

LUDLITE FOR CURVED SURFACES

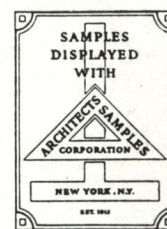


Ludlite affords a very striking and economical covering for curved surfaces. It is especially effective for use in modernizing store fronts and interiors.

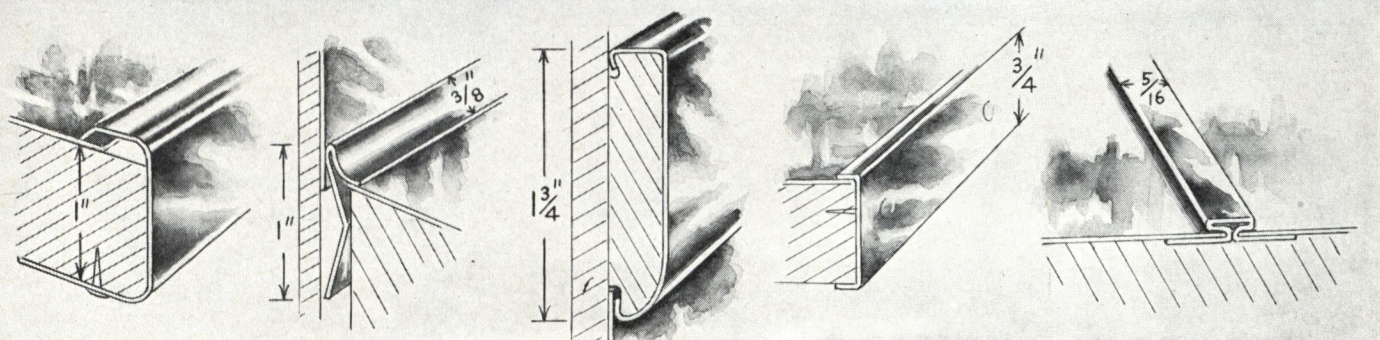
- 1—For economy specify standard fittings.
- 2—Utilize the flexibility of Ludlite for originality.
- 3—Irregularities occurring in curved sections of the sub-base are almost entirely overcome by exercising a little care in locking the ends of the Ludlite sheet.
- 4—In new construction formed galvanized sheet, plywood and fiber board provide a

suitable sub-surface.

- 5—Do not roll the curved portion of Ludlite application — merely draw it tight around pre-cemented convex surface. In applying Ludlite to concave surface pre-shape Ludlite sheet to slightly sharper curve than described by sub-base. This will allow sufficient pressure to hold curved section in place until cement has set.



STAINLESS STEEL MOLDINGS AVAILABLE FOR USE WITH LUDLITE



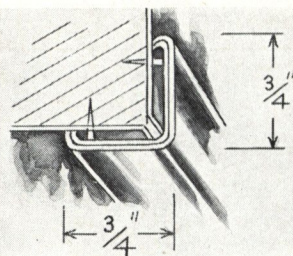
CE-1 Edge molding—for counters and cabinet tops—fastened by nails or screws through the bottom. Made for tops with over-all thickness of 1"

DC-2 Drain cove molding—for water-tight inside right angle joints between counter top and back splash

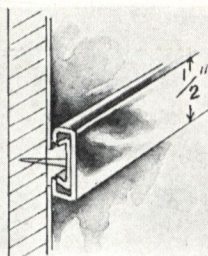
S-89 Wood core cap molding

J-75 Edge molding

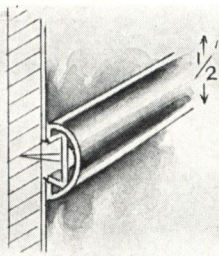
1002 Division strip



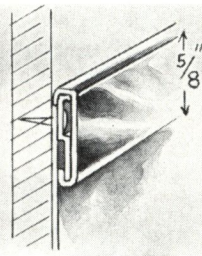
10-OS Outside corner — snap-on molding



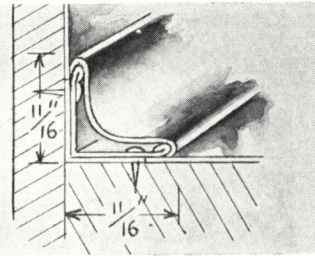
4-S Flat snap-on molding



5-S Half round snap-on molding



1019 Cap snap-on molding



5-IS Inside corner — snap-on molding

We present here stainless steel moldings especially selected for use with Ludlite. In addition to the styles illustrated,

Allegheny Metal and other Allegheny stainless steels are available in every needed form or shape.

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From the collection of:
Robert Vail Cole Jr, AIA
1962 - 2011

LUDLITE

A NEW MEDIUM FOR CREATIVE DESIGN



This natural color photograph visualizes the unusual decorative possibilities of Ludlite, the distinctive new and economical form of stainless steel. In the bathroom illustrated, horizontal wall panels of Ludlite have been separated by a strip of blue linoleum.

Ludlite offers an entirely new decorative medium for the reflection and blending of color; it harmonizes with any color scheme. The effects possible with combinations of Ludlite and other colored surfaces or objects are limited only by the imagination and skill of the designer.

ALLEGHENY LUDLUM

STEEL CORPORATION



PITTSBURGH, PA.

Steels of Today and Tomorrow